

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

Welcome
United States Patent and Trademark Office

» Adva

Help [FAQ](#) [Terms](#) [IEEE Peer Review](#)**Quick Links**

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Try our New Full-text Search Prototype **GO**[Help](#)

1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)

2) Limit your search by using search operators and field codes, if desired.

Example: optical <and> (fiber <or> fibre) <in> ti

3) Limit the results by selecting Search Options.

4) Click Search. See [Search Examples](#)

Start Search

Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

Search Options:**Select publication types:**

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

Select years to search:

From year: to

Organize search results by:

Sort by:

In: order

List Results per page

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

Welcome
United States Patent and Trademark Office

» Se.

Help FAQ Terms IEEE Peer Review

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **52** of **1088345** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering new one in the text box.

(airbag <or> seat <or> safety) <paragraph> (body <

Search

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Warning: to err is human [human-friendly robot dependability]**Yamada, Y.; Morizono, T.; Umetani, Y.; Konosu, H.;
Robotics & Automation Magazine, IEEE, Volume: 11, Issue: 2, June 2004
Pages:34 - 45[\[Abstract\]](#) [\[PDF Full-Text \(786 KB\)\]](#) **IEEE JNL****2 The Effects of Trunk Stimulation on Bimanual Seated Workspace**Kukke, S.N.; Triolo, R.J.;
Neural Systems and Rehabilitation Engineering, IEEE Transactions on [see also
IEEE Trans. on Rehabilitation Engineering], Volume: 12, Issue: 2, June 2004
Pages:177 - 185[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) **IEEE JNL****3 Toward memory-based human motion simulation: development and validation of a motion modification algorithm**Woojin Park; Chaffin, D.B.; Martin, B.J.;
Systems, Man and Cybernetics, Part A, IEEE Transactions on, Volume: 34, Issue: 3, May 2004
Pages:376 - 386[\[Abstract\]](#) [\[PDF Full-Text \(640 KB\)\]](#) **IEEE JNL****4 Development of an indoor rowing machine with manual FES control for total body exercise in paraplegia**

Davoodi, R.; Andrews, B.J.; Wheeler, G.D.; Lederer, R.;
Neural Systems and Rehabilitation Engineering, IEEE Transactions on [see also
IEEE Trans. on Rehabilitation Engineering] , Volume: 10 , Issue: 3 , Sept. 2000
Pages:197 - 203

[\[Abstract\]](#) [\[PDF Full-Text \(1112 KB\)\]](#) [IEEE JNL](#)

5 Walking pedestrian recognition

Curio, C.; Edelbrunner, J.; Kalinke, T.; Tzomakas, C.; von Seelen, W.;
Intelligent Transportation Systems, IEEE Transactions on , Volume: 01 , Issue:
3 , Sept. 2000
Pages:155 - 163

[\[Abstract\]](#) [\[PDF Full-Text \(752 KB\)\]](#) [IEEE JNL](#)

**6 Patient-driven control of FES-supported standing up and sitting down
experimental results**

Riener, R.; Ferrarin, M.; Pavan, E.E.; Frigo, C.A.;
Rehabilitation Engineering, IEEE Transactions on [see also IEEE Trans. on Neu
Systems and Rehabilitation] , Volume: 8 , Issue: 4 , Dec. 2000
Pages:523 - 529

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) [IEEE JNL](#)

**7 Analysis of electrostatic discharge for the human body and an
automobile environment**

Greason, W.D.;
Industry Applications, IEEE Transactions on , Volume: 36 , Issue: 2 , March-A
2000
Pages:517 - 525

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) [IEEE JNL](#)

**8 Biomechanical analysis of legrest support of occupied wheelchairs:
comparison between a conventional and a compensatory legrest**

Aissaoui, R.; Heydar, S.; Dansereau, J.; Lacoste, M.;
Rehabilitation Engineering, IEEE Transactions on [see also IEEE Trans. on Neu
Systems and Rehabilitation] , Volume: 8 , Issue: 1 , March 2000
Pages:140 - 148

[\[Abstract\]](#) [\[PDF Full-Text \(624 KB\)\]](#) [IEEE JNL](#)

**9 Incorporating body dynamics into sensor-based motion planning: the
maximum turn strategy**

Shkel, A.M.; Lumelsky, V.J.;
Robotics and Automation, IEEE Transactions on , Volume: 13 , Issue: 6 , Dec.
Pages:873 - 880

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) [IEEE JNL](#)

10 Learning control for underwater robotic vehicles*Yuh, J.;*

Control Systems Magazine, IEEE , Volume: 14 , Issue: 2 , April 1994
Pages:39 - 46

[\[Abstract\]](#) [\[PDF Full-Text \(644 KB\)\]](#) IEEE JNL

11 The kinematics of motion planning for multilegged vehicles over uneven terrain*Lee, W.-J.; Orin, D.E.;*

Robotics and Automation, IEEE Journal of [see also IEEE Transactions on Robotics and Automation] , Volume: 4 , Issue: 2 , April 1988

Pages:204 - 212

[\[Abstract\]](#) [\[PDF Full-Text \(852 KB\)\]](#) IEEE JNL

12 Motion control of omni-directional type walking support system "Walking Helper"*Hirata, Y.; Baba, T.; Kosuge, K.;*

Robot and Human Interactive Communication, 2003. Proceedings. ROMAN 2003 The 12th IEEE International Workshop on , 31 Oct.-2 Nov. 2003

Pages:85 - 90

[\[Abstract\]](#) [\[PDF Full-Text \(631 KB\)\]](#) IEEE CNF

13 SMA actuator-based novel type of micropump for biomedical applications*Shuxiang Guo; Fukuda, T.;*

Robotics and Automation, 2004. Proceedings. ICRA '04. 2004 IEEE International Conference on , Volume: 2 , 2004

Pages:1616 - 1621 Vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(500 KB\)\]](#) IEEE CNF

14 The use of laser scanning technology for perimeter protection*Hosmer, P.;*

Security Technology, 2003. Proceedings. IEEE 37th Annual 2003 International Carnahan Conference on , 14-16 Oct. 2003

Pages:508 - 514

[\[Abstract\]](#) [\[PDF Full-Text \(1479 KB\)\]](#) IEEE CNF

15 Curvature based hand shape recognition for a virtual wheelchair control interface*Seong-Pal Kang; Tordon, M.; Katupitiya, J.;*

Robotics and Automation, 2004. Proceedings. ICRA '04. 2004 IEEE International Conference on , Volume: 2 , 2004

Pages:2049 - 2054 Vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(495 KB\)\]](#) IEEE CNF

[1](#) [2](#) [3](#) [4](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

Welcome
United States Patent and Trademark Office

» Se

Help FAQ Terms IEEE Peer Review

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **52** of **1088345** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering new one in the text box.

(airbag <or> seat <or> safety) <paragraph> (body <

Search

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard16 **A design of safety support maneuvers for automated vehicles cruises around intersections***Kaneko, J.; Shimamura, A.;*

American Control Conference, 2000. Proceedings of the 2000 , Volume: 5 , 28 June 2000

Pages:3518 - 3522 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) IEEE CNF17 **Towards a non-contact driver-vehicle interface***McAllister, G.; McKenna, S.J.; Ricketts, I.W.;*

Intelligent Transportation Systems, 2000. Proceedings. 2000 IEEE , 1-3 Oct. 2

Pages:58 - 63

[\[Abstract\]](#) [\[PDF Full-Text \(652 KB\)\]](#) IEEE CNF18 **Surgical assist robot for the active navigation in the intraoperative hardware design issues***Chinzei, K.; Hata, N.; Jolesz, F.A.; Kikinis, R.;*

Intelligent Robots and Systems, 2000. (IROS 2000). Proceedings. 2000 IEEE/ International Conference on , Volume: 1 , 31 Oct.-5 Nov. 2000

Pages:727 - 732 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(544 KB\)\]](#) IEEE CNF19 **Nonlinear dynamics of ship oscillations**

Kreuzer, E.; Wendt, M.;

Control of Oscillations and Chaos, 2000. Proceedings. 2000 2nd International Conference , Volume: 2 , 5-7 July 2000
Pages:315 - 320 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) IEEE CNF

20 Human symbiotic robot design based on division and unification of functional requirements

Morita, T.; Iwata, H.; Sugano, S.;

Robotics and Automation, 2000. Proceedings. ICRA '00. IEEE International Conference on , Volume: 3 , 24-28 April 2000
Pages:2229 - 2234 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(700 KB\)\]](#) IEEE CNF

21 An artificial fish robot using ICPF actuator

Guo, S.; Wakabayashi, K.; Kato, N.; Fukuda, T.; Nakamura, T.; Oguro, K.;
Micromechatronics and Human Science, 1997. Proceedings of the 1997 International Symposium on , 5-8 Oct. 1997
Pages:205 - 210

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) IEEE CNF

22 A whole body kinesthetic display device for virtual reality applicati

Roston, G.P.; Peurach, T.;

Robotics and Automation, 1997. Proceedings., 1997 IEEE International Confer on , Volume: 4 , 20-25 April 1997
Pages:3006 - 3011 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(756 KB\)\]](#) IEEE CNF

23 Whole body kinesthetic displays for immersive virtual reality applications

Roston, G.P.; Endsley, E.; Riggs, A.J.; Jacobus, C.J.;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation', 1997 IEEE International Conference on , Volume: 3 , 12-15 Oct.
Pages:2357 - 2362 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(648 KB\)\]](#) IEEE CNF

24 Development of an anthropomorphic force-controlled manipulator WAM-10

Morita, T.; Sugano, S.;

Advanced Robotics, 1997. ICAR '97. Proceedings., 8th International Conferenc on , 7-9 July 1997
Pages:701 - 706

[\[Abstract\]](#) [\[PDF Full-Text \(592 KB\)\]](#) IEEE CNF

- 25 **An inter-segment allocation strategy for postural control in human reach motions revealed by differential inverse kinematics and optimiz**
Xudong Zhang; Chaffin, D.B.;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation', 1997 IEEE International Conference on , Volume: 1 , 12-15 Oct.

Pages:469 - 474 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(576 KB\)\]](#) IEEE CNF

- 26 **A distributed group decision support system with intelligent multin interface**

Yue Zhuo; Qiu Feng Wu; Hong Wang;

Systems, Man, and Cybernetics, 1996., IEEE International Conference on , Vo 3 , 14-17 Oct. 1996

Pages:2070 - 2073 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) IEEE CNF

- 27 **The kinematics of legged locomotion over uneven terrain**

Wha-Joon Lee; Orin, D.;

Robotics and Automation. Proceedings. 1986 IEEE International Conference on , Volume: 3 , Apr 1986

Pages:1490 - 1495

[\[Abstract\]](#) [\[PDF Full-Text \(656 KB\)\]](#) IEEE CNF

- 28 **A novel type of micropump using SMA actuator for microflow application**

Shuxiang Guo; Junsei Oohira; Fukuda, T.;

Micromechatronics and Human Science, 2003. MHS 2003. Proceedings of 200. International Symposium on , 19-22 Oct. 2003

Pages:45 - 50

[\[Abstract\]](#) [\[PDF Full-Text \(434 KB\)\]](#) IEEE CNF

- 29 **A new kind of microrobot in pipe using driving fin**

Shuxiang Guo; Sasaki, Y.; Fukuda, T.;

Advanced Intelligent Mechatronics, 2003. AIM 2003. Proceedings. 2003 IEEE/. International Conference on , Volume: 2 , 20-24 July 2003

Pages:697 - 702 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(717 KB\)\]](#) IEEE CNF

- 30 **Robot-to-human communication of mobile robot's following motion using eyeball expression on omnidirectional display**

Matsumaru, T.; Akiyama, K.; Iwase, K.; Kusada, T.; Gomi, H.; Ito, T.;

Advanced Intelligent Mechatronics, 2003. AIM 2003. Proceedings. 2003 IEEE/. International Conference on , Volume: 2 , 20-24 July 2003

Pages:790 - 796 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(796 KB\)\]](#) **IEEE CNF**

Prev 1 2 3 4 Next

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online](#)
[Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



Welcome
United States Patent and Trademark Office



» Se

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Your search matched **52** of **1088345** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

```
(airbag <or> seat <or> safety) <paragraph> (body <
```

Search

☐ Check to search within this result set

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

31. **Rehabilitation system with 3-D exercise machine for upper limb**

Koyanagi, K.; Furusho, F.; Ryu, U.; Inoue, A.;

Advanced Intelligent Mechatronics, 2003. AIM 2003. Proceedings. 2003 IEEE/
International Conference on , Volume: 2 , 20-24 July 2003
Pages:1222 - 1227 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(693 KB\)\]](#) **IEEE CNF**

32 A method for preventing accidents due to human action slip utilizing HMM-based Dempster-Shafer theory

Yoji, Y.; Tetsuya, M.; Yoji, U.; Yukitaka, S.;

Robotics and Automation, 2003. Proceedings. ICRA '03. IEEE International Conference on , Volume: 1 , 14-19 Sept. 2003
Pages:1490 - 1496 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(518 KB\)\]](#) **IEEE CNF**

33 Synchronization of mobile robot's movement and preliminary announcement using omni-directional display

Matsumaru, T.; Iwase, K.; Kusada, T.; Akiyama, K.; Gomi, H.; Ito, T.;

Advanced Intelligent Mechatronics, 2003. AIM 2003. Proceedings. 2003 IEEE/
International Conference on , Volume: 1 , 20-24 July 2003
Pages:246 - 253 vol.1

[Abstract] [PDF Full-Text (653 KB)] IEEE CNF

 Print Format

34 Maneuvering a bed sheet for repositioning a bedridden patient

Roy, B.; Basmajian, A.; Asada, H.H.;

Robotics and Automation, 2003. Proceedings. ICRA '03. IEEE International Conference on , Volume: 2 , 14-19 Sept. 2003

Pages:2224 - 2229 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(409 KB\)\]](#) IEEE CNF

35 Remote ride quality monitoring of Acela train set performance

Ackroyd, P.; Angelo, S.; Stevens, J.;

Railroad Conference, 2002 ASME/IEEE Joint , 23-25 April 2002

Pages:171 - 178

[\[Abstract\]](#) [\[PDF Full-Text \(2080 KB\)\]](#) IEEE CNF

36 A fin type of microrobot in pipe

Shuxiang Guo; Yasuhiro Sasaki; Toshio Fukuda;

Micromechatronics and Human Science, 2002. MHS 2002. Proceedings of 200. International Symposium on , 20-23 Oct. 2002

Pages:93 - 98

[\[Abstract\]](#) [\[PDF Full-Text \(762 KB\)\]](#) IEEE CNF

37 The design and control of the flexible spine of a fully tendon-driver humanoid "Kenta"

Mizuuchi, I.; Tajima, R.; Yoshikai, T.; Sato, D.; Nagashima, K.; Inaba, M.; Kuniyoshi, Y.; Inoue, H.;

Intelligent Robots and System, 2002. IEEE/RSJ International Conference on , Volume: 3 , 30 Sept.-5 Oct. 2002

Pages:2527 - 2532 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) IEEE CNF

38 Safe and reliable intelligent wheelchair robot with human robot interaction

Inhyuk Moon; Sanghyun Joung; Youngkwang Kum;

Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International Conference on , Volume: 4 , 11-15 May 2002

Pages:3595 - 3600 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(766 KB\)\]](#) IEEE CNF

39 Fish-like underwater microrobot with 3 DOF

Shuxiang Guo; Fukuda, T.; Asaka, K.;

Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International Conference on , Volume: 1 , 11-15 May 2002

Pages:738 - 743 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(693 KB\)\]](#) IEEE CNF

40 **Skill of compliance with controlled charging/ discharging of kinetic energy**

Okada, M.; Ban, S.; Nakamura, Y.;

Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International Conference on , Volume: 3 , 11-15 May 2002
Pages:2455 - 2460

[\[Abstract\]](#) [\[PDF Full-Text \(625 KB\)\]](#) IEEE CNF

41 **Design of a novel instrumentation for measurement of blood flow w gripping a handle**

Afshari, A.A.; McKinney, W.; Frazer, D.G.;

Bioengineering Conference, 2002. Proceedings of the IEEE 28th Annual Northeast , 20-21 April 2002
Pages:215 - 216

[\[Abstract\]](#) [\[PDF Full-Text \(339 KB\)\]](#) IEEE CNF

42 **A microcomputer-based life-safety monitoring system for elderly people**

Maki, H.; Yonezawa, Y.; Ogawa, H.; Ninomiya, I.; Sada, K.; Hamada, S.;

Engineering in Medicine and Biology Society, 2001. Proceedings of the 23rd Annual International Conference of the IEEE , Volume: 4 , 25-28 Oct. 2001
Pages:3970 - 3972 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(283 KB\)\]](#) IEEE CNF

43 **Surface EMG and motor control of the upper extremity in muscular dystrophy: a pilot study**

Bowen, R.C.; Seliktar, R.; Rahman, T.; Alexander, M.;

Engineering in Medicine and Biology Society, 2001. Proceedings of the 23rd Annual International Conference of the IEEE , Volume: 2 , 25-28 Oct. 2001
Pages:1220 - 1223 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(505 KB\)\]](#) IEEE CNF

44 **Enhancement of ultrasonic absorption by microbubbles for therapeutic application**

Umemura, S.; Kawabata, K.; Hashiba, K.;

Ultrasonics Symposium, 2001 IEEE , Volume: 2 , 7-10 Oct. 2001
Pages:1311 - 1314 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(402 KB\)\]](#) IEEE CNF

45 **Fish-like underwater microrobot with multi DOF**

Shuxiang Guo; Hasegaw, Y.; Fukuda, T.; Asaka, K.;

Micromechatronics and Human Science, 2001. MHS 2001. Proceedings of 2001 International Symposium on , 9-12 Sept. 2001
Pages:63 - 68

[\[Abstract\]](#) [\[PDF Full-Text \(668 KB\)\]](#) IEEE CNF

Prev 1 2 3 4 Next

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

Welcome
United States Patent and Trademark Office

» Se.

Help FAQ Terms IEEE Peer Review

Quick Links

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **52** of **1088345** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering new one in the text box.

(airbag <or> seat <or> safety) <paragraph> (body <

Search

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**46 Walking pedestrian recognition**

Curio, C.; Edelbrunner, J.; Kalinke, T.; Tzomakas, C.; von Seelen, W.;
Intelligent Transportation Systems, 1999. Proceedings. 1999 IEEE/IEEJ/JSAI
International Conference on , 5-8 Oct. 1999
Pages:292 - 297

[\[Abstract\]](#) [\[PDF Full-Text \(788 KB\)\]](#) IEEE CNF
47 T-Rider

Gagnon, W.; Pruehsner, W.; Enderle, J.D.;
Bioengineering Conference, 1999. Proceedings of the IEEE 25th Annual
Northeast , 8-9 April 1999
Pages:13 - 14

[\[Abstract\]](#) [\[PDF Full-Text \(92 KB\)\]](#) IEEE CNF
48 Analysis of electrostatic discharge (ESD) for the human body and a automobile environment

Greason, W.D.;
Industry Applications Conference, 1998. Thirty-Third IAS Annual Meeting. The
IEEE , Volume: 3 , 12-15 Oct. 1998
Pages:1758 - 1766 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(620 KB\)\]](#) IEEE CNF
49 Mobile station location in a DS-CDMA system

Ghosh, A.; Love, R.;
Vehicular Technology Conference, 1998. VTC 98. 48th IEEE , Volume: 1 , 18-
May 1998
Pages:254 - 258 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) [IEEE CNF](#)

50 **Simulation and optimization of basic movements in FES-driven paraplegics**

Puri, M.; Wolpert, S.;
Bioengineering Conference, 1995., Proceedings of the 1995 IEEE 21st Annual
Northeast , 22-23 May 1995
Pages:31 - 32

[\[Abstract\]](#) [\[PDF Full-Text \(176 KB\)\]](#) [IEEE CNF](#)

51 **Incorporating body dynamics into the sensor-based motion planning paradigm. The maximum turn strategy**

Lumelsky, V.J.; Shkel, A.M.;
Robotics and Automation, 1995. Proceedings., 1995 IEEE International Conference on , Volume: 2 , 21-27 May 1995
Pages:1637 - 1642 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(580 KB\)\]](#) [IEEE CNF](#)

52 **Human body modelling for people localization and tracking from real image sequences**

Tesei, A.; Foresti, G.L.; Regazzoni, C.S.;
Image Processing and its Applications, 1995., Fifth International Conference on
6 Jul 1995
Pages:806 - 809

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) [IEEE CNF](#)

[Prev](#) [1](#) [2](#) [3](#) [4](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

L Number	Hits	Search Text	DB	Time stamp
-	1	("5574498").PN.	USPAT; US-PGPUB; IBM_TDB	2004/10/29 11:56
-	1	("6061055").PN.	USPAT; US-PGPUB; IBM_TDB	2004/10/29 11:58
-	640040	vehicle car	USPAT; US-PGPUB; IBM_TDB	2004/10/29 11:58
-	3897	gesture	USPAT; US-PGPUB; IBM_TDB	2004/10/29 11:58
-	920	(vehicle car) and gesture	USPAT; US-PGPUB; IBM_TDB	2004/10/29 11:58
-	98656	(position motion) same (passenger driver)	USPAT; US-PGPUB; IBM_TDB	2004/10/29 11:59
-	273	gesture and ((position motion) same (passenger driver))	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:00
-	106	(gesture and ((position motion) same (passenger driver))) and seat\$4	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:00
-	29	((gesture and ((position motion) same (passenger driver))) and seat\$4) and airbag	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:32
-	2828186	(position\$4 motion moving) (driver passenger occupant) same (control\$4 adjust\$4 set\$4)	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:35
-	786781	((position\$4 motion moving) (driver passenger occupant) same (control\$4 adjust\$4 set\$4)) same (hand body)	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:38
-	1059	(((position\$4 motion moving) (driver passenger occupant) same (control\$4 adjust\$4 set\$4)) same (hand body)) same airbag	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:38
-	7	((((((position\$4 motion moving) (driver passenger occupant) same (control\$4 adjust\$4 set\$4)) same (hand body)) same airbag) same seat\$4) same camera	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:49
-	1538	((hand body) near4 (gestur\$4 command motion moving) same control\$4 same vehic\$4	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:50
-	21	((hand body) near4 (gestur\$4 command motion moving) same control\$4 same vehic\$4) same camera	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:50
-	380	(((((position\$4 motion moving) (driver passenger occupant) same (control\$4 adjust\$4 set\$4)) same (hand body)) same airbag) same seat\$4	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:53
-	254	((hand body) near2 gestur\$3) same recogni\$4	USPAT; US-PGPUB; IBM_TDB	2004/10/29 12:54
-	41	((hand body) near2 gestur\$3) same recogni\$4) and vehic\$5	USPAT; US-PGPUB; IBM_TDB	2004/10/29 15:59
-	3644	((hand body) same (recognition detection) same (gesture motion))	USPAT; US-PGPUB; IBM_TDB	2004/10/29 16:01
-	0	((hand body) same (recognition detection) same (gesture motion)) same (car near2 seat)	USPAT; US-PGPUB; IBM_TDB	2004/10/29 16:01
-	22	((hand body) same (recognition detection) same (gesture motion)) same airbag	USPAT; US-PGPUB; IBM_TDB	2004/10/29 16:02
-	91	((hand body) same (recognition detection) same (gesture motion)) same (seat\$4)	USPAT; US-PGPUB; IBM_TDB	2004/10/29 17:06

-	4	((("5454143") or ("5594469") or ("5583526") or ("5684701")).PN.	USPAT; US-PGPUB; IBM_TDB	2004/10/29 17:08
-	4	((("5454043") or ("5594469") or ("5583526") or ("5684701")).PN.	USPAT; US-PGPUB; IBM_TDB	2004/10/29 17:08
-	1	"20040036261"	USPAT; US-PGPUB; IBM_TDB	2004/10/29 17:09
-	2	"20040036261" "20030155753"	USPAT; US-PGPUB; IBM_TDB	2004/10/29 17:09
-	3	"2002/0036617"	USPAT; US-PGPUB; IBM_TDB	2004/11/01 09:23
-	3	"09/138339"	USPAT; US-PGPUB; IBM_TDB	2004/11/01 13:31
-	2	"09/138339" and seat\$4	USPAT; US-PGPUB; IBM_TDB	2004/11/01 10:01
-	1	("6766036").PN.	USPAT; US-PGPUB; IBM_TDB	2004/11/01 10:01
-	1	((("6766036").PN.) and head	USPAT; US-PGPUB; IBM_TDB	2004/11/01 10:05
-	1	((("6766036").PN.) and radio	USPAT; US-PGPUB; IBM_TDB	2004/11/01 10:49
-	919	(701/45).CCLS.	USPAT; US-PGPUB; IBM_TDB	2004/11/01 10:49
-	141	((701/45).CCLS.) and camera	USPAT; US-PGPUB; IBM_TDB	2004/11/01 10:49
-	75	((701/45).CCLS.) and camera) and (motion gesture)	USPAT; US-PGPUB; IBM_TDB	2004/11/01 11:02
-	70	(hand near2 gesture) same communicat\$4	USPAT; US-PGPUB; IBM_TDB	2004/11/01 11:05
-	2	(hand near2 gesture) same communicat\$4 same vehic\$5	USPAT; US-PGPUB; IBM_TDB	2004/11/01 13:31
-	1	"09/138339" and external	USPAT; US-PGPUB; IBM_TDB	2004/11/01 13:25
-	7068	kiosk	USPAT; US-PGPUB; IBM_TDB	2004/11/01 13:31
-	50	(hand near2 gesture) and kiosk	USPAT; US-PGPUB; IBM_TDB	2004/11/01 14:28
-	1	((("6766036").PN.) and position	USPAT; US-PGPUB; IBM_TDB	2004/11/01 14:51
-	1	((("6766036").PN.) and hand	USPAT; US-PGPUB; IBM_TDB	2004/11/01 14:59
-	0	((("6766036").PN.) and entertain\$5	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:00
-	0	((("6766036").PN.) and entertain\$6	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:00
-	1	((("6766036").PN.) and radio	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:19
-	1	((("6766036").PN.) and (head same seat)	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:22

-	1	((("6766036").PN.) and (head same position)	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:29
-	0	((("6766036").PN.) and restrain\$6	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:27
-	0	((("6766036").PN.) and seatbelt	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:30
-	0	((("6766036").PN.) and belt	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:30
-	1	((("6766036").PN.) and sea\$5	USPAT; US-PGPUB; IBM_TDB	2004/11/01 17:03
-	1	("5490069").PN.	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:32
-	0	((("5490069").PN.) and head	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:32
-	0	((("5490069").PN.) and (face same seat\$4)	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:32
-	1	((("5490069").PN.) and (face)	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:37
-	0	((("5490069").PN.) and head	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:37
-	1	("6082764").PN.	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:40
-	1	((("6082764").PN.) and head	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:46
-	313	(head near4 position) same adjust\$4 same	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:57
-	1604	((car near1 seat\$4) restrain\$5 (seat near1 belt)) 382/103	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:47
-	1389	701/45	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:48
-	30	((head near4 position) same adjust\$4 same	USPAT; US-PGPUB; IBM_TDB	2004/11/01 16:10
-	1	((car near1 seat\$4) restrain\$5 (seat near1 belt))) and (382/103 701/45) ("6529809").PN.	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:55
-	1	((("6529809").PN.) and camera	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:55
-	0	((("6529809").PN.) and (((head near4 position) same adjust\$4 same ((car near1 seat\$4) restrain\$5 (seat near1 belt))) and (382/103 701/45))	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:56
-	1	((("6529809").PN.) and (head same seat\$4)	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:56
-	0	(head near4 position) same adjust\$4 same	USPAT; US-PGPUB; IBM_TDB	2004/11/01 15:57
-	0	((car near1 seat\$4) restrain\$5 (seat near1 belt)) and (("6529809").PN.) "2003/0209893"	USPAT; US-PGPUB; IBM_TDB	2004/11/01 16:10
-	1	"20030209893"	USPAT; US-PGPUB; IBM_TDB	2004/11/01 16:10

-	0	"20030209893" and (head near2 postion)	USPAT; US-PGPUB; IBM_TDB	2004/11/01 16:11
-	1	"20030209893" and (head near2 position)	USPAT; US-PGPUB; IBM_TDB	2004/11/01 16:11
-	1	"20030209893" and (head near2 position) same ((seat restrain\$4) (seat near2 belt))	USPAT; US-PGPUB; IBM_TDB	2004/11/01 16:12
-	1	((("6766036").PN.) and airbag	USPAT; US-PGPUB; IBM_TDB	2004/11/01 17:17
-	1	"20030209893" and airbag	USPAT; US-PGPUB; IBM_TDB	2004/11/02 10:26
-	1	"20030209893" and (airbag near4 (orientation velocity))	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:01
-	1	("6766036").PN.	USPAT; US-PGPUB; IBM_TDB	2004/11/02 10:51
-	0	((("6766036").PN.) and external	USPAT; US-PGPUB; IBM_TDB	2004/11/02 10:51
-	1	((("6766036").PN.) and external	USPAT; US-PGPUB; IBM_TDB	2004/11/02 10:55
-	1515	interact\$4 same kiosk	USPAT; US-PGPUB; IBM_TDB	2004/11/02 10:55
-	57	(interact\$4 same kiosk) and gesture	USPAT; US-PGPUB; IBM_TDB	2004/11/02 10:56
-	1	"20030209893" and external	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:04
-	111	((hand body) near2 gesture) same (interact\$4 control) same (device kiosk)	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:06
-	14	((hand body) near2 gesture) same (interact\$4 control) same (device kiosk)) and vehicle	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:11
-	73	(5.912,980 5,878,151 6,002,808 5,774,591 6,275,213 6,154,559 6,088,017 6,005,549 6,075,895 5,966,129 5,802,220) and external	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:12
-	0	((5.912,980 5,878,151 6,002,808 5,774,591 6,275,213 6,154,559 6,088,017 6,005,549 6,075,895 5,966,129 5,802,220) and external) and kiosk	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:12
-	184	5.912,980 5,878,151 6,002,808 5,774,591 6,275,213 6,154,559 6,088,017 6,005,549 6,075,895 5,966,129 5,802,220	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:12
-	205	"5912980" or 5,878,151 or 6,002,808 or 5,774,591 or 6,275,213 or 6,154,559 6,088,017 or 6,005,549 or 6,075,895 or 5,966,129 or 5,802,220	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:13
-	205	"5912980" or "5,878,151" or "6,002,808" or "5,774,591" or "6,275,213" or "6,154,559" "6,088,017" or "6,005,549" or "6,075,895" or "5,966,129" or "5,802,220"	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:15
-	10	S-5912980-\$.DID. OR US-5878151-\$.DID. OR US-6002808-\$.DID. OR US-5774591-\$.DID. OR US-6275213-\$.DID. OR US-6154559-\$.DID. OR US-6088017-\$.DID. OR US-6005549-\$.DID. OR US-6075895-\$.DID. OR US-5966129-\$.DID. OR US-5802220-\$.DID.	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:17

-	5	(S-5912980-\$.DID. OR US-5878151-\$.DID. OR US-6002808-\$.DID. OR US-5774591-\$.DID. OR US-6275213-\$.DID. OR US-6154559-\$.DID. OR US-6088017-\$.DID. OR US-6005549-\$.DID. OR US-6075895-\$.DID. OR US-5966129-\$.DID. OR US-5802220-\$.DID.) and vehicle	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:17
-	4	((S-5912980-\$.DID. OR US-5878151-\$.DID. OR US-6002808-\$.DID. OR US-5774591-\$.DID. OR US-6275213-\$.DID. OR US-6154559-\$.DID. OR US-6088017-\$.DID. OR US-6005549-\$.DID. OR US-6075895-\$.DID. OR US-5966129-\$.DID. OR US-5802220-\$.DID.) and vehicle) and (external outside)	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:18
-	7	(S-5912980-\$.DID. OR US-5878151-\$.DID. OR US-6002808-\$.DID. OR US-5774591-\$.DID. OR US-6275213-\$.DID. OR US-6154559-\$.DID. OR US-6088017-\$.DID. OR US-6005549-\$.DID. OR US-6075895-\$.DID. OR US-5966129-\$.DID. OR US-5802220-\$.DID.) and interact\$4	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:21
-	1	"20020036617"	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:22
-	0	"20020036617" and external	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:22
-	0	"20020036617" and kiosk	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:22
-	0	"20020036617" and vehicel	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:23
-	1	"20020036617" and car	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:59
-	0	"20020036617" and airbag	USPAT; US-PGPUB; IBM_TDB	2004/11/02 11:59
-	4157	(hand or body) same (gesture motion) same ((opening same gate) activat\$4 (smart adj2 tag))	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:03
-	533	((hand or body) same (gesture motion) same ((opening same gate) activat\$4 (smart adj2 tag))) and camera	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:03
-	1	((hand or body) same (gesture motion) same ((opening same gate) activat\$4 (smart adj2 tag))) and camera) and airbag	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:04
-	0	((hand or body) same (gesture motion) same ((opening same gate) activat\$4 (smart adj2 tag))) and camera) and safty	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:04
-	135	((hand or body) same (gesture motion) same ((opening same gate) activat\$4 (smart adj2 tag))) and camera) and safety	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:04
-	132	((hand or body) same (gesture motion) same ((opening same gate) activat\$4 (smart adj2 tag))) and camera) and (car vehicl\$4)	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:28
-	7	control\$4 same hand same gesture same vehicle	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:33
-	0	driver same kiosk	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:34
-	187	driver same kiosk	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:34
-	125	(driver same kiosk) and imag\$4	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:34
-	1	((driver same kiosk) and imag\$4) and hand near2 gesture	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:34

-	1	((driver same kiosk) and imag\$4) and (hand near2 gesture)	USPAT; US-PGPUB; IBM_TDB	2004/11/02 12:35
-	52	vehicle and control\$4 and (hand near2 gesture) and (external outside)	USPAT; US-PGPUB; IBM_TDB	2004/11/02 14:11
-	0	((("6766036").PN.) and trck\$5	USPAT; US-PGPUB; IBM_TDB	2004/11/02 14:11
-	1	((("6766036").PN.) and track\$5	USPAT; US-PGPUB; IBM_TDB	2004/11/02 14:13
-	1	((("6766036").PN.) and recognition	USPAT; US-PGPUB; IBM_TDB	2004/11/02 14:14
-	1	((("6766036").PN.) and gesture	USPAT; US-PGPUB; IBM_TDB	2004/11/02 14:14